AMT R2 - Legend Amps

two-channel guitar preamp

Safety instructions

WARNING! Inside the device there are no parts that are user-serviceable. Repairs to the machine may only be performed by qualified personnel.
WARNING! To avoid failure, the device should not be exposed to rain or moisture inside the device must not be exposed to water or other liquid. Do not place near filled with liquids, such as vases, etc.

Please read the instruction manual carefully.

1. **Keep the manual.**
2. **Heed all warnings.**
3. **Follow all instructions.**
4. **To clean the unit, use a dry cloth, first unplug the appliance and unplug it from the power adapter.**
5. **Do not install near any heat sources or expose to direct sunlight.**
6. **Place the power cord so that it can not be stepped on, and avoid its contact with sharp corners, etc. In that case, if the plug or socket adapter is used to disconnect the unit from the network, they must be easily accessible.**
7. **Only use attachments and accessories recommended by manufacturer.**
8. **Unplug the AC adapter (when using the AC adapter) during a thunderstorm.**
9. **When not in use for a long time, remove the battery from the device case.**
10. **All work associated with the repair of the device must be performed by qualified service personnel.**
11. **WARNING! These service instructions are for use by qualified personnel. Do not carry out any repair work not described in the instruction manual. Repairs must be performed by qualified personnel.**

IMPORTANT NOTICE!

Violation following instructions can cause damage to your DEVICE. DAMAGE ARISING will void your warranty.

- **When transporting or storing the product in the freezing temperatures, before turning on leave the device at room temperature in its original packaging within 2 hours, no less!**
- **To connect the preamp to other devices, use only the cables intended for such connections.**

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- **Do not use other cables, such as acoustic, etc.**

Before you start

To ensure the safe transportation of the device was carefully packed at the factory. However, if the box is damaged inspect the unit immediately for signs of damage..

- **If you see damage do not sent directly to the address of the manufacturer, but notify your dealer and the shipping company, otherwise you will lose the right to compensation.**

Only use attachments and accessories recommended by manufacturer.

Arrangement of contacts in a low-voltage socket of the adapter.

Расположение контактов на низковольтном разъёме сетевого адаптера.

Connecting the preamp to the power adapter:

- **The connection is made only after all the audio connections!**
- **Before connecting the preamp to the power adapter, make sure that the case, connection cable, and plug the AC adapter are not damaged: no cuts, cracks, dents, etc. and are in good condition.**
- **To connect the preamp to the AC adapter, insert the low-voltage connector adapter into the jack on the right panel of the preamp, and then plug the adapter into the wall outlet.**

Disconnecting the preamp from the power adapter:

- **To disconnect the preamp from the AC adapter, disconnect the AC adapter from the power outlet, and then disconnect the low-voltage connector from the socket on the right-hand panel of the preamp.**
- **To prevent damage during storage and transport use the original packaging.**
- **Do not let children play with the packaging.**
- **Please dispose of all packaging materials in an environmentally friendly way.**
- **To avoid overheating of the device is provided with sufficient ventilation, do not cover it, and do not place near heating radiators etc.**
- **Operation near powerful radio transmitters and high-frequency sources can lead to a marked deterioration in sound quality. In this case, increase the distance between the sensor and the transmitter and use shielded cables for all connections.**

WARNING!
Please note that high volume can damage your hearing and / or damage to the dynamic head of your speaker system. Before switching on the unit, turn knobs «Volume» to the left (counter clockwise). Always make sure that volume is moderated.

What's in the package:

The package includes following products:

1.	Guitar preamp	1pc.
2.	User's manual	1pc.
3.	Cardboard box	1pc.
4.	Warranty Card	1pc.

Introduction.

Rectifier series amplifiers from Mesa / Boogie - is another benchmark in modern sound, which simply can not ignore. A close relative of Soldano, he nevertheless has its own special character, the main features of which we tried to reproduce in the R-2.

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General characteristics

Two-channel preamps effects series LA-2 are designed to produce a clean and overdriven guitar sound with various schemes organization guitar tract. The basic concept of the series - "your sound in your pocket." In a series of LA-2 used the original schematics, developed by specialists of AMT, and you always get a low-voltage (9V) power supply and a low current consumption of the bright and rich sound in the style of the original tube overdrive.
A distinctive feature of the 2 series is three exits for the implementation of the basic organization schemes channels:

- Connect directly to the power amplifier loaded on guitar speaker;
- Connection to the "clean" channel guitar combo amp or guitar;
- Connect directly to a mixing console.

All three outputs can be used simultaneously!!!, fully carrying out its functions and without exerting any influence on each other.
When connected to power amp and mixer LA-2 is a switchable two-channel preamp between clean and overdrive channels using footswitch. CLEAN-channel universal for all models in the series and has the character of the sound in the style of classic Fender amps.
When operating the LA-2 in the effect of using "clean" channel external amplifier or combo, you must consider that the resulting sound is largely determined or used combo amp. While the effect of the series using the "gentle" active bypass, which reduces the need to minimize the length of the cords as much as possible while maintaining the original sound of the instrument while effect switched off.

CONTROL PANEL

Preamps series LA-2 are easy to handle and have a small number of controls. Channels is determined by the sensitivity of the position controller OD. GAIN for the drive channel and click Clean Mid-Boost for the clean channel. Different models have different series of drive-overall sensitivity of the channel corresponding to the sensitivity of the emulated overdrive. Regulators TREBLE, MIDDLE, BASS are adjustable upper, middle and lower frequencies of Drive-channel. When operating as an effect control OD. GAIN switch and Clean Mid-Boost do not effect on the sound passing through the bypass! The output level is determined by the positionregulators OD. LEVEL for the drive channel and control CL. LEVEL for the clean channel, which is in the position for 13 hours a standard level of -10dB. Output level at maximum control position reaches +8 dB, so use this position only if you want to overload the input circuit of your combo or additional output amplifier overload..

Attention! Pre-amplifier AMT Legend Amps, as well as any high-end devices, demands for power supply. We strongly recommend the use power supply for this series or battery voltage 6F22 (Krone) 9V, or an adapter that meets the requirements for the quality (recommended AC / DC Adapter SA09DC-9V 1,11 A or AC / DC Adapter SA12DC-12V 1,25 A).

Technical characteristics

INPUT	
Impedance	1,0MOhm
Nominal sensitivity	-20dB
OUTPUT	
Output Impedance	10kOhm
The output level	+10dB
OUTPUT CAB.SIM.	
Output Impedance	10kOhm
The output level	-10dB
Power	**Battery 6F22**
Voltage	DC 9V
Current consumption	Approx. 6mA
Power adapter (option)	**Recommended:** AC/DC Adapter SA09DC-9V 1,11A; AC/DC Adapter SA12DC-12V 1,25A
Voltage	DC 9V или DC 12V
Dimensions / Weight	
Dimension NETTO	111x58x73mm.
Weight NETTO (without battery)	0,23kg.
Dimension GROSS	Approx. 125x83x103mm.
Weight GROSS (without battery)	Approx. 0,33kg.

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